

NATURAL RESOURCES CONSERVATION SERVICE CONSERVATION PRACTICE STANDARD

Record Keeping (Acre) 991-i

Definition

Recording farm management activities in written or electronic format.

Specify parameters that are required to document successful application of management practice(s), including operation and management. (See Appendices)

Scope

This standard establishes the minimal acceptable requirements for establishing and maintaining data for management of livestock, nutrients, pesticides, cropland, pasture, hayland or orchards.

Documentation is to be completed monthly and made available during status review.

Documentation is to be maintained for the life of the contract.

State or federal laws should be followed when record keeping is required for regulatory purposes.

Purpose

To document application of farm management activities that benefit soil, water and related resources.

Conditions Where Practice Applies

This practice applies on cropland, pasture, hayland, orchard or farmstead where management practices are applied.

Planning Considerations

Determine most appropriate record management system for client and agency.

Where appropriate, use established record keeping form to maintain uniformity and clarity.

Consider keeping records for 3 years to develop Nutrient Management plans.

Specifications

NRCS-WV, TG-IV, August 1997

Appendix A**Recommended Record Keeping Parameters**

Orchards	Cropland	Pastureland	Hayland	Farmstead
Pest Control product rate time insect disease	Rotation(s)	Planting date	Nutrients rate amount date type	Litter/manure analysis
	Tillage system(s)	Seeding mixtures		Well test parameters
	Nutrients rate/ amount/date/type	Stocking rate grazing height	Pest control insect weed rates	Litter or Manure produced exported
	Pest control insect weed rates	Grazing period(s)		Manure spreader calibration(s)
		Nutrient rate/ amount/date/type		

[illegible]

DATE _____

CROP YEAR

NOTES:

-Do not spread manure on frozen soils in fields

-High leaching soils are identified in fields

-Sensitive areas are identified in fields

BASED ON THIS PLAN: The following manure is in excess of crop needs and should be spread on additional land in an environmentally safe manner:

AMOUNT	TYPE
AMOUNT	TYPE

TYPE _____ NUTRIENT CONTENT _____
 TYPE _____ NUTRIENT CONTENT _____

TIME OF YEAR AVAILABLE
TIME OF YEAR AVAILABLE[illegible] *MANURE GROUP/DESCRIPTION |

11

21

MANURE GROUP/DESCRIPTION

31

71

MANURE GROUP/DESCRIPTION

15
1101

75

2) The following management practices are essential in implementing this plan:

MANURE APPLICATION GUIDELINES

General Recommendations

-Manure should not be spread on:

- 1) frozen soils subject to flooding
- 2) sloping soils adjacent to streams, rivers or lakes; or
- 3) on other slopes unless land is treated to meet soil loss tolerance (T).

-Specific management guidelines on soils with high leaching potential are incorporated into the application rates in this plan or as part of the recommended management practices.

-Manure should not be spread within 100 feet of springs, wells, open sinkholes with drainage toward them or other sensitive areas.

-Spread manure uniformly and at rates recommended on your "Nutrient Application Schedule".

-You will need to calibrate manure spreader(s) so you know rate of application.

Special Considerations for your Nutrient Management Plan

-Plant corn silage ground with a cover crop, i.e. rye, where possible.

-Cover crops must be planted early enough to obtain 4 to 6 inches of growth and 50% ground cover. This will help to hold nutrients and reduce pollution by runoff.

-Nutrients in the crop residue will remain for subsequent crop utilization

-Immediately before side dressing for corn (in June or when the corn is approx. one foot tall), a soil nitrogen test is recommended to determine nitrogen needs. These tests are available as an addition to the standard laboratory soil test or as a field Quick-test performed by your County Extension Agent, County Conservation District technician, or other qualified personnel.

-Future application rates are to be based on results of the manure and soil tests. For the first few years, manure testing should be done annually. Soil testing should be done once every 3 years or when there is a crop change. Manure testing after the first few years can be reduced to once every two or three years unless there is a considerable change in the farm operation from year to year. Considerable changes include: more milkhouse waste produced or other change in the volume of liquid added, a change in feed rations, change in animal numbers, etc.

-The use of manure and soil tests may reduce excess applications of nutrients.

-The soil nitrogen test is recommended on fields where the amount of available nitrogen needed for optimum yields is questionable.

1.Date_____ 2.Tract#_____ 3.Field_____

4.Acres_____ 5.Crop_____ 6.Previous Crop_____

7.Type of Fertilizer(Circle One): Litter Manure Commercial

8.Fertilizer Analysis: (Ex: 10-20-20) N____ - P____ - K____

9.Soil pH_____ 10.Tons Lime Recommended_____

11.Tons Lime Applied_____ 12.Date Lime Applied_____

13.Calibration Date_____ 14.Calibration Rate_____

15.Application Date_____ 16.Application Rate_____

17.Incorporated(Y/N)?_____ 18.Tillage Method_____

19.# Days Between Application Date & Incorporation_____

20.Type of Field: (Circle One) Hay Pasture Crop

21.Type of Manure: (Circle One) Broiler Layer Pullet

Turkey Dairy Other_____

22.Manure Storage Type: Open Covered Pit Other_____

23.Field Conditions (wet, frozen, etc...)_____

24.Crop Yield (T/ Ac or bu/ Ac)_____

25.Previous Crop_____

Comments:

Name:

City:

Phone:

Zip:

* If manure has already been applied for the current crop enter the rate at which it was applied.

herbicide record sheet.

Field:
Soil type:
Crop and variety:
Date planted:
Herbicide name and formulation:
Method of application:
Application rate:
Date of application:
Conditions on application date:
Wind speed:
Soil moisture:
Sky conditions and humidity:
Size of weeds and identity:
Date and amount of first rainfall following application:
Weed report:

AG CHEMICAL RECORD

YEAR _____
 Field Number/Name _____ Acres/Size _____
 Location/Legal Description _____
 Crop _____ Variety _____ Planned Yield _____

FERTILIZER INFORMATION:

Nitrogen Quick Test _____ Date Taken _____

Fertilizer Applied: (record in pounds/ac.)

Date _____ N _____ lbs. P2O5 _____ lbs. K2O _____ lbs.
 Date _____ N _____ lbs. P2O5 _____ lbs. K2O _____ lbs.
 Date _____ N _____ lbs. P2O5 _____ lbs. K2O _____ lbs.

MANURE INFORMATION:

Manure Analysis N _____ lbs./ton or 1,000gallons
 P2O5 _____ lbs./ton or 1,000gallons
 K2O _____ lbs./ton or 1,000gallons

Manure Applied:

Date _____ N _____ lbs. P2O5 _____ lbs. K2O _____ lbs.
 Date _____ N _____ lbs. P2O5 _____ lbs. K2O _____ lbs.

PESTICIDE INFORMATION

APPLICATION DATE _____				
Product Name & EPA Reg. # _____				

Total Amount Used _____				
Target Pest _____				
Rate/ _____				
Gallons of Water/ _____				
Time _____				
Temperature _____				
Wind Speed/Direction _____				
Method or Equipment _____				
Pressure _____				
Speed _____				
Nozzle _____				
Applicator's Name _____				